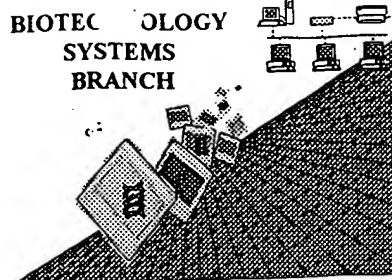


RAW SEQUENCE LISTING ERROR REPORT



1650
#24
JUL 16 2001
TECH CENTER 1600/2900

RECEIVED

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 08/930,480B

Source: 1600

Date Processed by STIC: 6/22/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

JUL 16 2001

Raw Sequence Listing Error Summary

TECH CENTER 1600/2900

ERROR DETECTED SUGGESTED CORRECTIONSERIAL NUMBER: 08/930,480B

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0 A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid "bug" sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
(NEW RULES) <210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213> Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
Response scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) 4-26 and more missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0 Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, "bug" resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

1636

RAW SEQUENCE LISTING

DATE: 06/22/2001

PATENT APPLICATION: US/08/930,480B

TIME: 10:45:12

Input Set : A:\ST95021sqli.txt

Output Set: N:\CRF3\06222001\H930480B.raw

pp1-5

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: BRACCO, Laurent
 4 SCHWEIGHOFFER, Fabien
 5 TOCQUE, Bruno
 7 <120> TITLE OF INVENTION: Conditional Expression System
 9 <130> FILE REFERENCE: ST95021-US
 11 <140> CURRENT APPLICATION NUMBER: 08/930,480B
 12 <141> CURRENT FILING DATE: 1998-01-21
 14 <150> PRIOR APPLICATION NUMBER: PCT/FR96/00477
 15 <151> PRIOR FILING DATE: 1996-03-29
 17 <150> PRIOR APPLICATION NUMBER: FR95/-3841
 18 <151> PRIOR FILING DATE: 1995-03-31
 20 <160> NUMBER OF SEQ ID NOS: 35
 22 <170> SOFTWARE: PatentIn version 3.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 19
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Escherichia coli
 29 <400> SEQUENCE: 1
 30 tctctatcac tgataggga 19
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 17
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Bacteriophage lambda
 38 <400> SEQUENCE: 2 17
 39 tatcaccgca agggata
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 74
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Homo sapiens
 47 <400> SEQUENCE: 3
 49 Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg
 50 1 5 10 15
 52 Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys
 53 20 25 30
 55 Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser
 56 35 40 45
 58 His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
 59 50 55 60
 61 Met Phe Lys Thr Glu Gly Pro Asp Ser Asp
 62 65 70
 64 <210> SEQ ID NO: 4
 65 <211> LENGTH: 768
 66 <212> TYPE: DNA
 67 <213> ORGANISM: Artificial sequence
 W--> 69 <220> FEATURE:
 W--> 69 <223> OTHER INFORMATION:
 69 <400> SEQUENCE: 4

see item 11 on Error Summary Sheet
 (global error)

RAW SEQUENCE LISTING

DATE: 06/22/2001

PATENT APPLICATION: US/08/930,480B

TIME: 10:45:12

Input Set : A:\ST95021sqli.txt

Output Set: N:\CRF3\06222001\H930480B.raw

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70 ttactcgcg cccagccggc catggcccag gtgcagctgc agcagtcctgg ggcagagctt      60
72 gtaaggtcag gggcctcagt caagttgtcc tgcacagctt ctggcttcaa cattaagac      120
74 tactatatgc actgggtgaa gcagaggcct gaacagggcc tggagtggat tggatggatt      180
76 gatcctaaga atggtgatac tgaataigcc ccgaagttcc agggcaaggc cactatgact      240
78 gcagacacat cctccaatac agcctacctg cagctcagca gcctggcatc tgaggacact      300
80 gccgtgtatt attgtaattt ttacggggat gctttggact attggggcca agggaccacg      360
82 gtcaccgtct cctcaggtgg aggcggttca ggcggagggtg gctctggcgg tggcggatcg      420
84 gatgttttga tgacccaaac tccactcact ttgtcgggta ccattggaca accagcctcc      480
86 atctcttgca agtcaagtca gagcctcttg gatagtgatg gaaaaacata tttgaattgg      540
88 ttgttacaga ggccaggcca gtctccaaag cgcctaactc atctggtgtc taaactggac      600
90 tctggagtcc ctgacaggtt cactggcagt ggatcaggga cagatttcac acttaaaatc      660
92 aacagagtgg aggctgagga tttgggagtt tattattgct ggcaaggtag acattctccg      720
94 cttacgttcg gtgctggcac caagctggaa attaaacggg cggccgca      768
97 <210> SEQ ID NO: 5
98 <211> LENGTH: 15
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
W--> 102 <220> FEATURE: same env
W--> 102 <223> OTHER INFORMATION:
102 <400> SEQUENCE: 5
104 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
105 1 5 10 15
107 <210> SEQ ID NO: 6
108 <211> LENGTH: 10
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
W--> 112 <220> FEATURE:
W--> 112 <223> OTHER INFORMATION: same
112 <400> SEQUENCE: 6
114 Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
115 1 5 10
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 30
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial sequence
W--> 122 <220> FEATURE:
W--> 122 <223> OTHER INFORMATION: same
122 <400> SEQUENCE: 7
123 cccaagccca gtaccccccc aggttcttca      30
126 <210> SEQ ID NO: 8
127 <211> LENGTH: 6
128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial sequence
W--> 131 <220> FEATURE:
W--> 131 <223> OTHER INFORMATION: same
131 <400> SEQUENCE: 8
133 Met Asn Arg Leu Gly Lys
134 1 5
136 <210> SEQ ID NO: 9

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/08/930,480B

DATE: 06/22/2001
 TIME: 10:45:12

Input Set : A:\ST95021sqli.txt
 Output Set: N:\CRF3\06222001\H930480B.raw

137 <211> LENGTH: 18
 138 <212> TYPE: DNA
 139 <213> ORGANISM: Artificial sequence
 W--> 141 <220> FEATURE:
 W--> 141 <223> OTHER INFORMATION:
 141 <400> SEQUENCE: 9
 142 atgaaccggc tgggcaag
 145 <210> SEQ ID NO: 10
 146 <211> LENGTH: 11
 147 <212> TYPE: PRT
 148 <213> ORGANISM: Artificial Sequence
 W--> 150 <220> FEATURE:
 W--> 150 <223> OTHER INFORMATION:
 150 <400> SEQUENCE: 10
 152 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
 153 1 5 10
 155 <210> SEQ ID NO: 11
 156 <211> LENGTH: 33
 157 <212> TYPE: DNA
 158 <213> ORGANISM: Artificial sequence
 W--> 160 <220> FEATURE:
 W--> 160 <223> OTHER INFORMATION:
 160 <400> SEQUENCE: 11
 161 gaacaaaaac tcatctcaga agaggatctg aat
 164 <210> SEQ ID NO: 12
 165 <211> LENGTH: 7
 166 <212> TYPE: PRT
 167 <213> ORGANISM: Artificial sequence
 W--> 169 <220> FEATURE:
 W--> 169 <223> OTHER INFORMATION:
 169 <400> SEQUENCE: 12
 171 Pro Lys Lys Lys Arg Lys Val
 172 1 5
 174 <210> SEQ ID NO: 13
 175 <211> LENGTH: 4
 176 <212> TYPE: PRT
 177 <213> ORGANISM: Artificial sequence
 W--> 179 <220> FEATURE:
 W--> 179 <223> OTHER INFORMATION:
 179 <400> SEQUENCE: 13
 181 Leu Lys Leu Lys
 182 1
 184 <210> SEQ ID NO: 14
 185 <211> LENGTH: 4
 186 <212> TYPE: PRT
 187 <213> ORGANISM: Artificial sequence
 W--> 189 <220> FEATURE:
 W--> 189 <223> OTHER INFORMATION:
 189 <400> SEQUENCE: 14

18

33

RAW SEQUENCE LISTING

DATE: 06/22/2001

PATENT APPLICATION: US/08/930,480B

TIME: 10:45:12

Input Set : A:\ST95021sqli.txt

Output Set: N:\CRF3\06222001\H930480B.raw

191 Leu Lys Lys Leu
 192 1
 194 <210> SEQ ID NO: 15
 195 <211> LENGTH: 23
 196 <212> TYPE: DNA
 197 <213> ORGANISM: Artificial sequence
 W--> 199 <220> FEATURE:
 W--> 199 <223> OTHER INFORMATION:
 199 <400> SEQUENCE: 15
 200 gatcctatca ccgcaaggga taa 23
 203 <210> SEQ ID NO: 16
 204 <211> LENGTH: 23
 205 <212> TYPE: DNA
 206 <213> ORGANISM: Artificial sequence
 W--> 208 <220> FEATURE:
 W--> 208 <223> OTHER INFORMATION:
 208 <400> SEQUENCE: 16
 209 gatagtggcg ttccctattt cga 23
 212 <210> SEQ ID NO: 17
 213 <211> LENGTH: 76
 214 <212> TYPE: DNA
 215 <213> ORGANISM: Artificial sequence
 W--> 217 <220> FEATURE:
 W--> 217 <223> OTHER INFORMATION:
 217 <400> SEQUENCE: 17
 218 ggctctagac ccaagcccag tccccccca ggttcttcaa cgcgtggatc catgtccaga 60
 220 ttagataaaa gtaaag 76
 223 <210> SEQ ID NO: 18
 224 <211> LENGTH: 51
 225 <212> TYPE: DNA
 226 <213> ORGANISM: Artificial sequence
 W--> 228 <220> FEATURE:
 W--> 228 <223> OTHER INFORMATION:
 228 <400> SEQUENCE: 18
 229 cgtacggaat tcgggccctt actcgaggga cccactttca catttaagtt g 51
 232 <210> SEQ ID NO: 19
 233 <211> LENGTH: 76
 234 <212> TYPE: DNA
 235 <213> ORGANISM: Artificial sequence
 W--> 237 <220> FEATURE:
 W--> 237 <223> OTHER INFORMATION:
 237 <400> SEQUENCE: 19
 238 ggctctagac ccaagcccag tccccccca ggttcttcaa cgcgtggatc catggaacaa 60
 240 cgcataaccc tgaaag 76
 243 <210> SEQ ID NO: 20
 244 <211> LENGTH: 51
 245 <212> TYPE: DNA
 246 <213> ORGANISM: Artificial sequence
 W--> 248 <220> FEATURE:

Same

RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/930,480B

DATE: 06/22/2001

TIME: 10:45:12

Input Set : A:\ST95021sqli.txt

Output Set: N:\CRF3\06222001\H930480B.raw

Same errors

W--> 248 <223> OTHER INFORMATION:
 248 <400> SEQUENCE: 20
 249 cgtacggaat tcgggccctt actcgagtg c tgttggtttt ttgttactcg g 51
 252 <210> SEQ ID NO: 21
 253 <211> LENGTH: 35
 254 <212> TYPE: DNA
 255 <213> ORGANISM: Artificial sequence

W--> 257 <220> FEATURE:
 W--> 257 <223> OTHER INFORMATION:
 257 <400> SEQUENCE: 21
 258 caggccatgg catgaagaaa ccaactggatg gagaa 35
 261 <210> SEQ ID NO: 22
 262 <211> LENGTH: 43
 263 <212> TYPE: DNA
 264 <213> ORGANISM: Artificial sequence

W--> 266 <220> FEATURE:
 W--> 266 <223> OTHER INFORMATION:
 266 <400> SEQUENCE: 22
 267 cgtcgatcc tctagatgcg gccgcgtctg agtcaggccc ttc 43
 270 <210> SEQ ID NO: 23
 271 <211> LENGTH: 31
 272 <212> TYPE: DNA
 273 <213> ORGANISM: Artificial sequence

W--> 275 <220> FEATURE:
 W--> 275 <223> OTHER INFORMATION:
 275 <400> SEQUENCE: 23
 276 caggctcgag aagaaaccac tggatggaga a 31
 279 <210> SEQ ID NO: 24
 280 <211> LENGTH: 61
 281 <212> TYPE: DNA
 282 <213> ORGANISM: Artificial sequence

W--> 284 <220> FEATURE:
 W--> 284 <223> OTHER INFORMATION:
 284 <400> SEQUENCE: 24
 285 caggctcgag cccaagccca gtaccccccc aggttcttca aagaaaccac tggatggaga 60
 287 a 61
 290 <210> SEQ ID NO: 25
 291 <211> LENGTH: 37
 292 <212> TYPE: DNA
 293 <213> ORGANISM: Artificial sequence

W--> 295 <220> FEATURE:
 W--> 295 <223> OTHER INFORMATION:
 295 <400> SEQUENCE: 25
 296 ggtcgaattc gggccctcag tctgagtcag gcccttc 37
 299 <210> SEQ ID NO: 26
 300 <211> LENGTH: 29
 301 <212> TYPE: DNA
 302 <213> ORGANISM: Artificial sequence

W--> 304 <220> FEATURE:

WJ The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VERIFICATION SUMMARY

DATE: 06/22/2001

PATENT APPLICATION: US/08/930,480B

TIME: 10:45:13

Input Set : A:\ST95021sqlt.txt

Output Set: N:\CRF3\06222001\H930480B.raw

L:69 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:69 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:102 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:102 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:112 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:122 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:122 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:248 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:257 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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VERIFICATION SUMMARY

DATE: 06/22/2001

PATENT APPLICATION: US/08/930,480B

TIME: 10:45:13

Input Set : A:\ST95021sqli.txt

Output Set: N:\CRF3\06222001\H930480B.raw

L:322 M:258 W: Mandatory Feature missing, <220> FEATURE:

L:322 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION: